

Cree® XLamp® XB-D Green LED Product Change Notification

Customer Name: XLamp XB-D Green LED customers

PCN Reference Number: CREE-PCN-1241
Date Issued: December 18, 2020

Please be advised that Cree is making improvements to the typical luminous flux of XLamp® XB-D Green LEDs. We will begin shipping the affected product with the change 90 days after the PCN Issue Date.

Please review the additional PCN information below.

Affected Product

Table 1 provides a list of products affected by this change:

Table 1 Affected Products List

Cree Part Number
XBDGRN-xx-xxxx-xxxxxxxxxx

Description of the Change

Cree will be increasing the typical luminous flux for XLamp XB-D Green LEDs. Current order codes will begin to receive the new typical performance resulting in a brighter luminous flux distribution than previously delivered. Cree XLamp XB-D LED order codes specify only a minimum flux bin and not a maximum.

Table 2 **Error! Reference source not found.** shows the approximate current and new typical flux performance.

Table 2 XB-D Green Color Current and New Values

Typical Luminous Flux Bin For Reference Purposes (lm) @ 350 mA, 25 °C	
Current	New
Q5 (107 lm)	R4 (130 lm)

The new flux bins will be reflected in the data sheet upon implementation of this change.

Reason for the Change

This change is being made to improve performance for our customers.

Change Impact on Form, Fit, Function, or Reliability

This change is not expected to impact the form, fit, function, or reliability of these LEDs beyond the changes listed above and the changes listed in the previous Cree Product Change Notification PCN-1063.

Key Dates

Table provides an estimated date for initial shipments of the LED affected by this change.

Table 3 Estimated Initial Shipment Dates

XB-D Green	March 15, 2021
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Starting on the estimated shipment date in Table 3, customers may receive LEDs with the improved characteristics. Each reel will be homogenous and only contain LEDs with either the current performance or new performance characteristics. Reels of new performance LEDs can be identified by an “8” in the last character of the bin code. The bin code is clearly identified on each packaged reel.

Customers ordering multiple reels may receive shipments containing reels of both current and new performance LEDs until Cree’s inventory of the current performance LEDs is depleted. Customers purchasing through a distributor may receive new performance LEDs later than others as distributor inventory of current performance LEDs is depleted.

Cree Contact Information

If you have any questions regarding this PCN please contact:

Table 4 PCN Contact

Cree Contact:	LED Customer Service
Cree Contact E-mail:	xlampsales@cree.com
Address:	4600 Silicon Dr. Durham, NC 27703